

Title (en)

CONNECTING BLOCK FOR A HYDROSTATIC PISTON ENGINE

Title (de)

ANSCHLUSSBLOCK FÜR EINE HYDROSTATISCHE KOLBENMASCHINE

Title (fr)

BLOC DE RACCORDEMENT D'UNE MACHINE A PISTON HYDROSTATIQUE

Publication

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Application

EP 04790264 A 20041011

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Abstract (en)

[origin: WO2005042973A1] The invention relates to a connecting block for a hydrostatic piston engine that is provided for the simultaneous operation in a first hydraulic cycle and a second hydraulic cycle. In the connecting block, a first working pressure channel (60) and a second working pressure channel (61) are configured via which a first or a second working line (7, 8) of the first hydraulic cycle is linked with a first or second kidney-shaped control element of a control plate (52) of the hydrostatic piston engine. The connecting block (25) is furthermore provided with a third working pressure channel (62) and a fourth working pressure channel (63) via which a third or a fourth working line (7', 8') of the second hydraulic cycle can be linked with a third or a fourth kidney-shaped control element (70', 71') of the control plate of the hydrostatic piston engine. The connecting block (25) is also provided with a common supply pressure channel (80), and said common supply pressure channel (80) can be linked with the first to fourth working pressure channel (60, 61, 62, 63) via a corresponding separate supply device.

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